



Appendix I: Data Quality Issue Management Tool Data Dictionary

Data Quality Detailed Issue Report Table		
Detailed Report Field	Database Field Name	Definition
Issue Number	Issue Id	Unique auto-generated number to track issues
Version	Version Id	Number to distinguish submitted versions of issue for auditing purposes
Mad Dog Issue Number	Mad Dog Issue Number	Original Mad Dog number assigned to issues (Note: Not all issues will have a Mad Dog number)
Is this a Quick Hit?	Quick Hit	Yes/No: Is the issue a Quick Hit?
Status	Status	Status of issue within the Data Quality Implementation Process *Note: See Status Breakdown
Priority	Priority	Priority of issue *Note: See Priority Breakdown
Data Quality Issue	Short Description Issue	General description of issue (Maximum 50 words)
Detailed description of the data quality issue	Long Description Issue	Detailed description of issue
Dependencies	Dependencies	Additional factors affecting issue resolution
Business Entities Affected	Business Entities Affected	Business Entities affected by the issue *Note: See Business Entities Breakdown
Trading Partners Impacted	Trading Partners Impacted	Trading Partners impacted by the issue *Note: See Trading Partners Breakdown
Business Channels Impacted	Business Channels Impacted	Business Channels impacted by the issue *Note: See Business Channels Breakdown
N/A	Business Capability Area	Classification of issue within the To-Be Financial Aid Life Cycle (Data Strategy Target State Definition) *Note: See Business Capability Area Breakdown
Benefits of addressing this issue	Benefit	Benefit for FSA and end users to issue resolution
Systems impacted	Systems Impacted	Systems impacted by the issue *Note: See Systems Breakdown
Estimated cost of this initiative	Resolution Cost	Estimated cost range of the initiative *Note: See Cost Breakdown
Estimated time for implementation	Resolution Time	Estimated time range required to implement solution *Note: See Time Breakdown
Impacts of	Impact of Dismissal	Impacts of not addressing the issue
Related data quality issues	Related Issues	Additional data quality issues related to the issue
Detailed description of recommended solution	Recommended Solution	Detailed description of recommended solution



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Data Quality Detailed Issue Report Table		
Detailed Report Field	Database Field Name	Definition
N/A	Short Description Actual Solution	General description of implemented solution (Maximum 50 words)
Detailed description of resolution	Long Description Actual Solution	Detailed description of implemented solution
Date Submitted	Entry Date	Date issue was submitted/entered
Assigned Date	Assigned Date	Date issue was assigned to working group
Resolved Date	Resolution Date	Date issue was resolved
Closed Date	Closed Date	Date issue was closed
Assignee	Assignee	Working Group member to which issue was assigned
Submitter	Submitter	Person who submits/enters issue
Resolved by	Resolved By	Working Group member who resolves issue
Closed by	Closed By	Person who closes issue
Comments	Additional Comments	Additional comments not applicable to other fields
Last Updated	Last Updated Date and Time	Last updated date and time (auto-generated)

Database Field Name	Choices	Definition
Status	Assigned	Issue assigned to working group
	Closed	Reviewed and approved by Steering Committee
	Duplicate	Duplicate issue
	Escalated	Assigned to working group, but needs additional guidance from the Steering Committee
	Opened	Working group addressing issue
	Postponed	Parking lot issue - cannot be addressed by the enterprise or solution identified, no immediate actions taken, and solution will be implemented in production in a future release
	Rejected	Issue rejected by the Steering Committee or at a feasibility checkpoint
	Resolved	Solution has been identified, taking proper steps for implementation, and solution implemented in production
	Submitted	Initial submission of issue



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Database Field Name	Choices
Business Entities Affected	Aid
	All
	Financial Partner
	None
	Person
	School

Database Field Name	Choices
Trading Partners Impacted	All
	Financial Partners
	Guaranty Agencies
	Lenders
	None
	Other
	Regional Reviewers
	Researchers
	Schools
	Third Party Developers

Database Field Name	Choices	Corresponding Range
Priority	Critical	200 – 250
	High	150 – 200
	Medium	100 – 150
	Low	0 – 100



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Database Field Name	Choices
Business Capability Area	Application
	Enterprise Analytics and Research
	Enterprise Shared Functions/CDA
	Origination and Disbursement
	Common Services for Borrowers
	Integrated Partner Management
	Partner Payment Management
	Financial Management

Database Field Name	Choices
Systems Impacted	All
	CDDTS
	COD
	CPS
	Credit Management Data Mart
	Delinquent Loan Data Mart
	DLCS
	DLSS
	DMCS
	eCB
	eZ-Audit
	Financial Partners Data Mart
	FMS
	FMSS
	GAPS
	None
	NSLDS
	PEPS
	PIN
	SAIG



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Field Name	Choices
Resolution Cost	\$0 - \$100,000
	\$100,000 - \$500,000
	\$500,000 - \$2,000,000
	> \$2,000,000

Field Name	Choices
Resolution Time	0 - 6 months
	6 months - 1 year
	1 year - 2 years
	> 2 years

Data Quality Issue Prioritization Summary Report		
Prioritization Report Field	Database Field Name	Definition
Issue #	Issue Num	Data Quality Issue Number
N/A	Criteria Answer 1 - 10	Answer to Impact Criteria Question 1 - 10 (10 separate fields)
N/A	Criteria Score 1 - 10	Score based on the Impact Criteria Answer 1 - 10 (10 separate fields)
N/A	Criteria Weight 1 - 10	Weight associated with Impact Criteria calculated from AHP Analysis 1 - 10 (10 separate fields)
N/A	Criteria Total 1 - 10	Impact Criteria Total calculated by multiplying the Criteria Score and the Criteria Weight 1 - 10 (10 separate fields)
Impact Rating	Impact Rating	Data Quality Issue Impact Rating calculated by the total sum of the Criteria Totals.
Priority Rating	Priority Rating	Data Quality Issue Priority Rating calculated by multiplying the Occurrence Answer, the Visibility/Customer Service Answer, and Impact Rating
N/A	Occurrence Answer	Estimated occurrence of data quality issue
Occurrence Rating	Occurrence Rating	Score based on occurrence of data quality issue
N/A	Visibility Answer	Estimated visibility/customer service level of data quality issue
Visibility Rating	Visibility Rating	Score based on visibility/customer service of data quality issue



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Data Quality Issue Prioritization Summary Report		
Prioritization Report Field	Database Field Name	Definition
Estimated Cost	Cost	Estimated Cost associated with implementing the data quality issue
Estimated Time	Time	Estimated Time associated with implementing the data quality issue